

CLAIMS

WHAT IS CLAIMED IS:

- 5 1. A method of dynamically creating a sample of multimedia content for preview by a user of a mobile terminal, comprising:
- providing a first set of parameters associated with a size of a preview sample of the multimedia content;
- providing a second set of parameters associated with composition of
- 10 the preview sample;
- dynamically extracting the preview sample from the multimedia content using the respective first and second parameter sets; and
- generating a mobile terminal specific preview sample of the multimedia content using the extracted preview sample for transmission to a specific mobile
- 15 terminal.
2. The method of claim 1, wherein the first set of parameters comprises one of a maximum downloading time parameter or a maximum downloading cost parameter, and the second set of parameters comprises at least one composition
- 20 rule associated with a composition of the preview sample of the multimedia content.
3. The method of claim 1, wherein the first set of parameters comprises a bit rate value associated with transmission of the extracted preview sample to the specific mobile terminal, and the second set of parameters comprises a parameter
- 25 indicative of a multimedia capability of the specific mobile terminal.
4. The method of claim 3, wherein the bit rate value defines an actual transmission bit rate value or an estimated transmission bit rate value.
- 30 5. The method of claim 1, wherein the first set of parameters comprises a bit rate value associated with transmission of the extracted preview sample to the

specific mobile terminal, and the second set of parameters comprises at least one composition rule associated with a composition of the preview sample of the multimedia content.

5 6. The method of claim 1, wherein the first set of parameters comprises one of a maximum downloading time parameter or a maximum downloading cost parameter, and the second set of parameters comprises a parameter indicative of a multimedia capability of the specific mobile terminal.

10 7. The method of claim 6, wherein the bit rate value defines an actual transmission bit rate value or an estimated transmission bit rate value.

15 8. The method of claim 1, wherein:
 a first parameter of the first parameter set comprises a maximum downloading time parameter or a maximum downloading cost parameter;
 a second parameter of the first parameter set comprises a bit rate value;
 a first parameter of the second parameter set defines one or more composition rules; and
20 a second parameter of the second parameter set comprises a multimedia capability parameter associated with the specific mobile terminal.

25 9. The method of claim 1, wherein at least one parameter of the first set of parameters is established by a provider of the multimedia content or a user of the specific mobile terminal, and at least one parameter of the second set of parameters is a network resource parameter.

30 10. The method of claim 1, wherein at least one parameter of the first set of parameters is a network resource parameter, and at least one parameter of the second set of parameters is established by a provider of the multimedia content.

11. The method of claim 1, wherein:

a first parameter of the first parameter set and a first parameter of the second parameter set are established by a provider of the multimedia content; and
a second parameter of the first parameter set and a second parameter of the second parameter set are network resource parameters.

12. The method of claim 1, wherein generating the mobile terminal specific preview sample further comprises formatting the extracted preview sample to comply with a format usable by the specific mobile terminal.

13. The method of claim 1, wherein generating the mobile terminal specific preview sample further comprises packaging the extracted preview sample with predetermined usage or distribution rules.

14. The method of claim 1, wherein dynamically extracting the preview sample comprises extracting the preview sample having a particular length based on the respective first and second parameter sets.

15. The method of claim 1, wherein dynamically extracting the preview sample comprises extracting the preview sample defined between a starting index and an ending index of the multimedia content based on the respective first and second parameter sets.

17. A server system for dynamically creating a sample of multimedia content for preview by a user of a mobile terminal, comprising:

a profile database that stores one or both of mobile terminal profiles and user profiles;

a multimedia content source that provides multimedia content; and

a manager module coupled to the profile database and multimedia content source, the manager module accessing the profile database and a specific mobile terminal to obtain a first set of parameters associated with a size of a preview sample of the multimedia content and a second set of parameters associated with composition of the preview sample, the manager module dynamically extracting the preview sample from the multimedia content using the respective first and second parameter sets, and generating a mobile terminal specific preview sample of the multimedia content using the extracted preview sample for transmission to the specific mobile terminal.

18. The system of claim 17, wherein the first set of parameters comprises one of a maximum downloading time parameter or a maximum downloading cost parameter, and the second set of parameters comprises at least one composition rule associated with a composition of the preview sample of the multimedia content.

19. The system of claim 17, wherein the first set of parameters comprises a bit rate value associated with transmission of the extracted preview sample to the specific mobile terminal, and the second set of parameters comprises a parameter indicative of a multimedia capability of the specific mobile terminal.

20. The system of claim 19, wherein the bit rate value defines an actual transmission bit rate value or an estimated transmission bit rate value.

21. The system of claim 17, wherein the first set of parameters comprises a bit rate value associated with transmission of the extracted preview sample to the specific mobile terminal, and the second set of parameters comprises at least one

composition rule associated with a composition of the preview sample of the multimedia content.

5 22. The system of claim 17, wherein the first set of parameters comprises one of a maximum downloading time parameter or a maximum downloading cost parameter, and the second set of parameters comprises a parameter indicative of a multimedia capability of the specific mobile terminal.

10 23. The system of claim 22, wherein the bit rate value defines an actual transmission bit rate value or an estimated transmission bit rate value.

24. The system of claim 17, wherein:
a first parameter of the first parameter set comprises a maximum
downloading time parameter or a maximum downloading cost parameter;
15 a second parameter of the first parameter set comprises a bit rate value;
a first parameter of the second parameter set defines one or more composition rules; and
a second parameter of the second parameter set comprises a
20 multimedia capability parameter associated with the specific mobile terminal.

25 25. The system of claim 17, further comprising a packaging module coupled to the manager module, the packaging module formatting the extracted preview sample to comply with a format usable by the specific mobile terminal.

26. The system of claim 17, further comprising a rights management module coupled to the manager module, the rights management module packaging the extracted preview sample with predetermined usage or distribution rules.

27. The system of claim 17, wherein the manager module dynamically extracts the preview sample having a particular length based on the respective first and second parameter sets.

28. The system of claim 17, wherein the manager module dynamically extracts the preview sample defined between a starting index and an ending index of the multimedia content based on the respective first and second parameter sets.

29. The system of claim 17, wherein the system supports a multimedia messaging service (MMS).

30. The system of claim 17, wherein the system comprises a web server.

31. The system of claim 17, wherein the system comprises a content gateway.

32. A method of wirelessly previewing multimedia content by a user, comprising:

- transmitting a preview signal between a specific mobile terminal and a server system that provides multimedia content;
- accessing a first set of parameters associated with a size of a preview sample of the multimedia content and a second set of parameters associated with composition of the preview sample;
- dynamically generating a customized preview sample of the multimedia content for the specific mobile terminal using the respective first and second parameter sets;
- transmitting the customized preview sample to the specific mobile terminal; and
- playing the customized preview sample at the specific mobile terminal.

33. The method of claim 32, wherein the preview signal is transmitted by the specific mobile terminal.

5 34. The method of claim 32, wherein the preview signal is generated by the specific mobile terminal operating in a browse mode.

35. The method of claim 32, wherein the preview signal is transmitted by the server system.

10 36. The method of claim 32, wherein the preview signal is generated by the server system implementing a push application.

15 37. The method of claim 32, wherein playing the customized preview sample further comprises automatically launching a media playing facility of the specific mobile terminal.

20 38. The method of claim 32, further comprising selecting the multimedia content associated with the preview sample for downloading, and downloading the associated multimedia content to the specific mobile terminal.

39. The method of claim 38, further comprising charging the user for downloading the associated multimedia content to the specific mobile terminal.

25 40. The method of claim 32, wherein the first set of parameters comprises one or more of a maximum downloading time parameter, a maximum downloading cost parameter, and a bit rate value associated with transmission of the customized preview sample to the specific mobile terminal, and the second set of parameters comprises at least one or more of a composition rule associated with a composition of the customized preview sample and a parameter indicative of a multimedia
30 capability of the specific mobile terminal.

41. The method of claim 32, wherein generating the customized preview sample further comprises one or both of dynamically extracting the customized preview sample having a particular length based on the respective first and second parameter sets and dynamically extracting the customized preview sample defined
 5 between a starting index and an ending index of the multimedia content based on the respective first and second parameter sets.

42. The method of claim 32, wherein generating the customized preview sample further comprises formatting the customized preview sample to comply with a
 10 format usable by the specific mobile terminal.

43. The method of claim 32, wherein generating the customized preview sample further comprises packaging the customized preview sample with predetermined usage or distribution rules.

44. A system for facilitating wireless previewing of multimedia content by a user, comprising:

a mobile terminal;

a profile database that stores one or both of mobile terminal profiles
 20 and user profiles;

a multimedia content source that provides multimedia content; and

a manager module communicatively coupled to the profile database, multimedia content source, and mobile terminal, the manager module, in response to a preview signal communicated between the mobile terminal and the manager
 25 module, accessing the profile database and the mobile terminal to obtain a first set of parameters associated with a size of a preview sample of the multimedia content and a second set of parameters associated with composition of the preview sample, the manager module dynamically generating a customized preview sample of the multimedia content for the mobile terminal using the respective first and second
 30 parameter sets, and transmitting the customized preview sample to the mobile terminal for playback by the mobile terminal.

45. The system of claim 44, wherein the preview signal is transmitted by the mobile terminal.

5 46. The system of claim 44, wherein the preview signal is generated by the mobile terminal operating in a browse mode.

47. The system of claim 44, wherein the preview signal is transmitted by the manager module.

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48. The system of claim 44, wherein the preview signal is generated by the manager module implementing a push application.

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49. The system of claim 44, wherein the mobile terminal automatically launches a media playing facility to playback the customized preview sample.

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50. The system of claim 44, wherein the mobile terminal transmits a download signal, and the manager module downloads multimedia content associated with the customized preview sample to the mobile terminal in response to the download signal.

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51. The system of claim 50, wherein the manager module accounts for use charges accrued by the user for downloading the associated multimedia content to the mobile terminal.

52. The system of claim 44, wherein the manager module coordinates formatting of the customized preview sample to comply with a format usable by the mobile terminal.

53. The system of claim 44, wherein the manager module coordinates packaging of the customized preview sample with predetermined usage or distribution rules.

5 54. The system of claim 44, wherein the first set of parameters comprises one or more of a maximum downloading time parameter, a maximum downloading cost parameter, and a bit rate value associated with transmission of the customized preview sample to the customized mobile terminal, and the second set of parameters comprises at least one or more of a composition rule associated with a composition
10 of the customized preview sample and a parameter indicative of a multimedia capability of the customized mobile terminal.

15 55. The system of claim 44, wherein the manager module coordinates dynamic extraction of the customized preview sample having a particular length based on the respective first and second parameter sets or coordinates dynamic extraction of the customized preview sample defined between a starting index and an ending index of the multimedia content based on the respective first and second parameter sets.

20 56. A system for dynamically creating a sample of multimedia content for preview by a user of a mobile terminal, comprising:

means for accessing a first set of parameters associated with a size of a preview sample of the multimedia content and a second set of parameters associated with composition of the preview sample;

25 means for dynamically generating a customized preview sample of the multimedia content for the specific mobile terminal using the respective first and second parameter sets; and

means for transmitting the customized preview sample to the specific mobile terminal, whereby the customized preview sample can be played back at the
30 specific mobile terminal.

57. The system of claim 56, wherein the first set of parameters comprises one or more of a maximum downloading time parameter, a maximum downloading cost parameter, and a bit rate value associated with transmission of the customized preview sample to the specific mobile terminal, and the second set of parameters
5 comprises at least one or more of a composition rule associated with a composition of the customized preview sample and a parameter indicative of a multimedia capability of the specific mobile terminal.

58. The system of claim 56, wherein the means for generating the
10 customized preview sample further comprises one or both of a means for dynamically extracting the customized preview sample having a particular length based on the respective first and second parameter sets and a means for dynamically extracting the customized preview sample defined between a starting index and an ending index of the multimedia content based on the respective first
15 and second parameter sets.

59. The system of claim 56, wherein the means for generating the customized preview sample further comprises means for formatting the customized preview sample to comply with a format usable by the specific mobile terminal.

60. The system of claim 56, wherein the means for generating the customized preview sample further comprises means for packaging the customized preview sample with predetermined usage or distribution rules.